

CLAIMS

1. A half-duplex communication control method in which a first device and a second device connected to this first device by two signal lines are had and each of the two devices notifies the opponent device of a state as to whether the self device is communicable and half-duplex communication in one-to-one correspondence is conducted, characterized by being configured so that the first device outputs a sending request output for providing notification of a state of a communication request from the first device to the second device as a sending request signal using an open collector buffer and also turns back its sending request output inside the first device to check a communicable state as a sending request input inside the first device and also in the case that the second device is receivable with respect to the sending request signal sent from the first device, the second device outputs a sending permission output for providing notification of a communicable state from the second device to the first device as a sending permission signal using an open collector buffer and also turns back its sending permission output inside the second device to check a communicable state as a sending permission input inside the second device.

2. A half-duplex communication control method as defined in claim 1, characterized in that with regard to time which elapses before outputting another sending request output in

the case of outputting sending request outputs simultaneously from two devices, time respectively varying with respect to the two devices is randomly determined by a program of a microcomputer.